



# 1999 Toxics Release Inventory

## WYOMING

### Reported Releases and Waste Management Activities (in pounds)

	Original Industries	New Industries	Total
<b>On-site Releases</b>	9,680,574	9,105,390	18,785,964
Air Emissions	1,579,717	815,110	2,394,827
Surface Water Discharges	6,099	12,348	18,447
Underground Injection Class I Wells	8,081,700	0	8,081,700
Underground Injection Class II-V Wells	505	0	505
On-site Land Releases to RCRA Subtitle C Landfills	0	0	0
Other On-site Land Releases	12,553	8,277,932	8,290,485
<b>Off-site Releases (Transfers Off-site to Disposal)*</b>	8,781	635,033	643,814
<b>Total On- and Off-site Releases</b>	9,689,355	9,740,423	19,429,778
<b>Recycled On-site</b>	1,810,802	0	1,810,802
<b>Recycled Off-site</b>	91,100	0	91,100
<b>Energy Recovery On-site</b>	159,140	0	159,140
<b>Energy Recovery Off-site</b>	5,100	0	5,100
<b>Treated On-site</b>	3,412,392	1,339,914	4,752,306
<b>Treated Off-site**</b>	5,083	2	5,085
<b>Quantity Released On- and Off-site***</b>	10,515,392	9,609,188	20,124,580
<b>Total Production-related Waste Managed</b>	15,999,009	10,949,104	26,948,113
<b>Total Non-production-related Waste Managed</b>	2	58	60

### Transfers Off-site for Further Waste Management/Disposal

Recycling	92,100	0	92,100
Energy Recovery	3,606	0	3,606
Treatment	547	0	547
Publicly Owned Treatment Works (POTWs)	275	30	305
Metals and Metal Compounds*	20	0	20
Non-metal TRI Chemicals**	255	30	285
Other Off-site Transfers***	0	0	0
Off-site Transfers to Disposal (not including metals to POTWs)	759,549	635,033	1,394,582
<b>Total Transfers Off-site for Further Waste Management/Disposal</b>	856,077	635,063	1,491,140

\* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Transfers to POTWs of non-metals are included in treated off-site waste management activity.

\*\*\* Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

\*\*\*\* Transfers reported without a valid waste management code.

### For More Information . . .

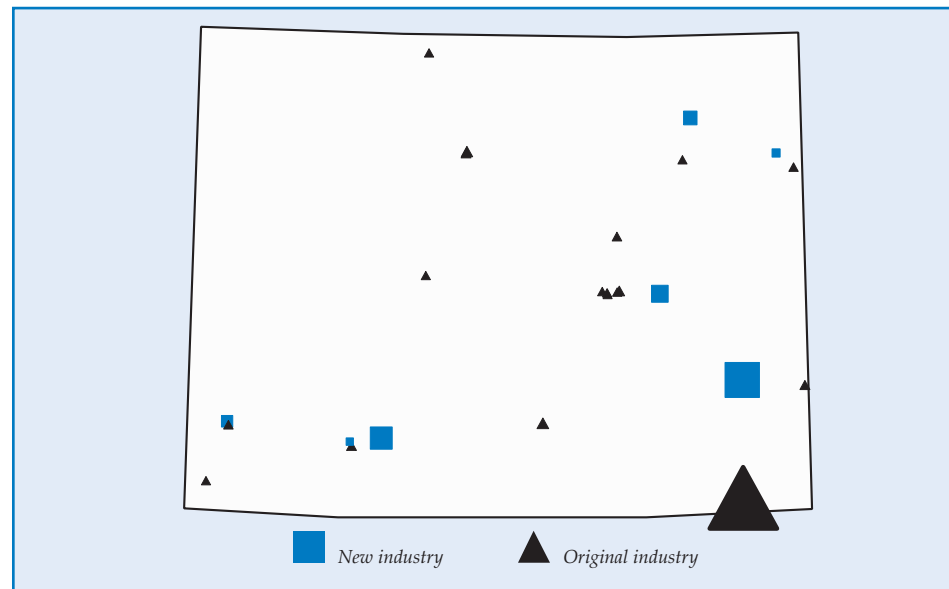
#### State Contact:

Bobbi Tenborg  
(307) 777-4910  
Fax: (307) 635-6017  
E-mail: btenbo@state.wy.us

#### EPA Regional Contact:

Joyel Dhieux  
(303) 312-6447  
Fax: (303) 312-6044  
E-mail: dhieux.joyel@epa.gov

To obtain TRI data use  
assistance, call TRI User  
Support Service (TRI-US):  
(202) 260-1531  
Fax: (202) 401-2347



The largest marker in the state map represents the largest facility for on-site releases in the state of Wyoming. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

### State/TRI Data

Population	479,602
Square Miles	97,105
Total Facilities	39
Total Forms	226
Form As	24

	Original Industries	New Industries	Total
<b>National Rank for Total On- and Off-site Releases*</b>			
Rank	37	37	41
Pounds	9,689,355	9,740,423	19,429,778
<b>National Rank for Total On-site Releases**</b>			
Rank	37	37	40
Pounds	9,680,574	9,105,390	18,785,964
<b>National Rank for Total Releases within State***</b>			
Rank	37	37	41
Pounds	9,687,149	9,719,478	19,406,627
<b>National Rank for Production-related Waste Managed</b>			
Rank	46	41	48
Pounds	15,999,009	10,949,104	26,948,113

\* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Includes amounts released at the facility. Excludes amounts transferred to other sites.

\*\*\* Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



# 1999 Toxics Release Inventory

## WYOMING

### On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Original Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
--	Nitrate compounds	0	322	7,700,000	0	0	7,700,322	0	0	0
7664-41-7	Ammonia	589,785	4,707	344,000	8,111	0	946,603	0	0	0
--	Zinc compounds	250	0	0	0	497,000	497,250	0	0	497,000
--	Lead compounds	250	0	0	0	252,000	252,250	0	0	252,000
110-54-3	n-Hexane	159,450	10	0	500	8	159,968	0	5	3
71-36-3	n-Butyl alcohol	133,000	0	0	0	0	133,000	0	0	0
--	Glycol ethers	123,700	0	0	0	0	123,700	0	0	0
108-88-3	Toluene	111,202	260	0	756	343	112,561	0	5	338
1330-20-7	Xylene (mixed isomers)	93,950	260	250	756	47	95,263	0	0	47
115-07-1	Propylene	49,860	0	0	0	0	49,860	0	0	0

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.

### On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Seven New Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
--	Barium compounds	29,653	7,221	0	5,526,296	485,885	6,049,055	970	485,885	0
--	Manganese compounds	43,042	4,359	0	1,242,331	39,518	1,329,250	0	39,518	0
--	Copper compounds	2,173	72	0	380,000	27,257	409,502	0	27,257	0
7647-01-0	Hydrochloric acid	287,873	0	0	0	0	287,873	0	0	0
7664-93-9	Sulfuric acid	256,000	0	0	0	0	256,000	0	0	0
--	Zinc compounds	6,117	281	0	176,300	31,373	214,071	0	31,373	0
7664-39-3	Hydrogen fluoride	123,364	5	0	85,591	4,673	213,633	0	4,673	0
--	Chromium compounds	4,036	178	0	177,058	23,321	204,593	1	23,321	0
--	Lead compounds	33,081	59	0	155,810	0	188,950	20	0	0
--	Nickel compounds	2,805	0	0	125,152	0	127,957	0	0	0

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.



# 1999 Toxics Release Inventory

## WYOMING

### On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Original Industries)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Coastal Chem Inc., Cheyenne, Laramie	383,456	0	8,081,700	0	0	400	8,465,556	0	0
Sinclair Oil Corp., Sinclair, Carbon	291,842	0	0	0	0	0	291,842	72	0
Crown Cork & Seal Co. Inc., Worland, Washakie	256,700	0	0	0	0	0	256,700	255	0
Sinclair Oil Corp. - Casper Refy., Casper, Natrona	177,106	0	0	0	0	575	177,681	6,203	1,391
Holly Sugar Corp., Torrington, Goshen	90,300	0	0	0	0	3,800	94,100	0	0
Holly Sugar Corp., Worland, Washakie	87,200	0	0	0	0	3,600	90,800	0	0
Frontier Refining Inc., Cheyenne, Laramie	80,139	1,053	0	0	0	0	81,192	0	0
SF Phosphates Ltd. Co., Rock Springs, Sweetwater	80,010	0	0	0	0	0	80,010	0	0
U.S. DOE Naval Petroleum Reserve No. 3, Casper, Natrona	45,485	1,000	0	505	0	2,500	49,490	0	0
FMC Corp. Kemmerer Plant, Kemmerer, Lincoln	42,197	0	0	0	0	0	42,197	0	0

\*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

### On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Seven New Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Laramie River Station, Wheatland, Platte	160,918	0	0	0	0	3,795,304	3,956,222	0	0
Jim Bridger Power Plant/Bridger Coal Co. Point of Rocks, Sweetwater	220,705	0	0	0	0	1,912,691	2,133,396	0	0
Pacificorp - Dave Johnston Plant, Glenrock, Converse	226,390	10,634	0	0	0	1,131,000	1,368,024	0	0
Neil Simpson Complex, Gillette, Campbell	11,262	42	0	0	0	895,691	906,995	0	0
Pacificorp, Naughton Power Plant, Kemmerer, Lincoln	148,720	1,250	0	0	0	444,000	593,970	0	0
BHPL-Osage Power Plant, Osage, Weston	19,627	376	0	0	0	99,246	119,249	11,963	0
Wyodak Plant, Gillette, Campbell	25,645	46	0	0	0	0	25,691	601,134	0
Fleischli Oil Rock Springs Terminal, Rock Springs, Sweetwater	1,843	0	0	0	0	0	1,843	0	21,936

\*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.



# 1999 Toxics Release Inventory

## WYOMING

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Original Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Coastal Chem Inc., Cheyenne, Laramie	0	6,100	0	0	0	0	8,465,316	8,471,416	0
Tetra Micronutrients Inc., Cheyenne, Laramie	0	0	0	0	0	4,670	774,000	778,670	0
Sinclair Oil Corp., Sinclair, Carbon	174,525	0	135,300	0	861,580	0	291,915	1,463,320	0
Crown Cork & Seal Co. Inc., Worland, Washakie	0	0	0	0	21,000	7	253,150	274,157	0
Sinclair Oil Corp. - Casper Refy., Casper, Natrona	1,366,117	0	0	0	2,444	0	183,498	1,552,059	0
Holly Sugar Corp., Torrington, Goshen	0	0	0	0	0	0	94,100	94,100	0
Holly Sugar Corp., Worland, Washakie	0	0	0	0	0	0	90,800	90,800	0
Frontier Refining Inc., Cheyenne, Laramie	3,555	0	0	2,994	523,914	0	81,192	611,655	0
SF Phosphates Ltd. Co., Rock Springs, Sweetwater	0	0	0	0	0	0	80,000	80,000	0
Wyoming Refining Co., Newcastle, Weston	2,290	0	0	0	174,556	1	78,848	255,695	0

\*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Seven New Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Laramie River Station, Wheatland, Platte	0	0	0	0	0	0	3,842,900	3,842,900	0
Jim Bridger Power Plant/Bridger Coal Co., Point of Rocks, Sweetwater	0	0	0	0	630,000	0	2,130,000	2,760,000	0
Pacificorp - Dave Johnston Plant, Glenrock, Converse	0	0	0	0	131,000	0	1,365,000	1,496,000	0
Neil Simpson Complex, Gillette, Campbell	0	0	0	0	62,702	0	906,995	969,697	0
Wyodak Plant, Gillette, Campbell	0	0	0	0	90,000	0	627,500	717,500	0
Pacificorp, Naughton Power Plant, Kemmerer, Lincoln	0	0	0	0	405,000	0	591,000	996,000	52
BHPL-Osage Power Plant, Osage, Weston	0	0	0	0	21,210	0	119,238	140,448	0
Fleischli Oil Rock Springs Terminal, Rock Springs, Sweetwater	0	0	0	0	2	2	26,555	26,559	6

\*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.